TAPLY TO SIEG SHOSION



Kerr-McGee #1 Navajo-F SE SE 24-36N-29E Apache County

sl

VELL NAMESI	<u>Kerr-Mc</u> E SE	Gee #1 SEC	Navaj 24	orf TWP 3	6n _{RANGE}	29E	FOOTAGE	550'	FSL	740' FEL		<u>.</u>
ELEV <u>8488'</u> G						3	TWIND	7-6-	69	DEPTH _		_ PBT
CONTRACTOR												=
CASING SIZE					SIZE & DE	EPTH			-	<u> </u>		_
9 5/8"	751'	4	90 SK	NA.			DRILLED	BY CA	BLE TO	00r		_
7	4462	_ 1	50 SK				PRODUCT	IVE R	ESERVO	IR		_
							INITIAL	, PRODI	JCTION	<u> </u>		_
<u></u>			T	SOUR	CE			==== =			 -	=
FORMATION T	rops	DEPTI	is	L <u>.</u> L.		REMAR	KS					
Tertiary		Surfa	ce		x						~ ~~	
Chinle		718 1792										
<u>Coconino</u> Cutler	 	2514				· · · · · · · · · · · · · · · · · · ·						_
Hermosal	·····	3641			 							_
<u>Intrusive</u>		42221										_
Mississippi	an	4401'										_
				·		 						
		<u> </u>			<u> </u>							
		<u> </u>			<u> </u>							_
		<u> </u>										_
		<u> </u>		<u> </u>				<u> </u>				=
ELECTRIC LOGS	3		PERF	ORATED 1	NTERVALS		D. INTERV		SAMPL			
IES, GR-So	nic		42	239-4245	l	4329	-4251'		SAMPL	E DESCRP.		_
			42	246-4251	_ 				CORE .	E NO. ANALYSIS _		_
									DSTs			_
	<u> </u>			· · · · · · · · · · · · · · · · · · ·	<u> </u>							
REMARKS 3	/11/68	permiss	ion t	o TA 6	/6/68 app	roval t	o rework			TO PLUG _		
KEPIMAKS	,,			<u> </u>						ING REP.		
										_		
									COMP.	REPORT		==
WATER WELL A	CCEPTED	BY										=
BOND CO.							DATE			8 98 10-52		
BOND AMT. \$	25,00	0	C.A	ANCELLED			ORGANIZA	ATION	REPORT	7-15-60	l	
FILING RECEI	PT	2846	 L(OC. PLAT	x	WE	LL BOOK	x	PI	LAT BOOK	x	
	-		_	•	0.20	-67			S //L			

(over)

Γ										· · · · · · · · ·					£					<u></u>	
				W	ELL CO	MC				COMPLE					⊁∉₩EL	LL	OG				Ì
1	New	X	Work		Daep	An.		Plug Back	П	Same Reserv		П	Differ Reser	rent [)11		Gas		Dry	
ŀ	Well		Over						RIPT	ION OF V		L ANI	LEAS	E							
		R-McG		ORPOR						i	21.	ress 5 Pe	trole	um Ce			lding	, Fa	rmin	gton	, NM
		1. State 20 - 06			Numbe	r or i	name of 1 AJO 11	essor ii Tu	f fee l	ease	We	ll Num			k Reser h-bi-		yah,	Low	er H	ermo	sa
		FSI		1 7401		(SE	SE)					Cou	Apac	he							
	sec. T Sec	WP-Rar	rge or T30	Block & S	Survey 9E	G&S	SRM														
		apudded					depth rea	ched		te complete duce			o Ei	evation F, RKE	RT of	Gr.	eet	Elevat hd. fla	ion of	casing 185	feet
	Total	6-67 depth	 -		11- P.B.T.I	ο.			i i	gle, dual o	-6				If fu		is a du				on, com-
۸,	4465 4400 Single pletion. Producing interval (s) for this completion Rotary tools used (interval) Cable tools used (interval)																				
91	4239_4251 0_4465 None Was this well directionally drilled? Was directional survey made? Was copy of directional survey made? Date filed																				
	No No No Type of electrical or other logs run (check logs filed with the commission) Date filed																				
	IES, GR-Sonic, both filed 1-9-68																				
										CASING				·							
		ng (repo Purpose	rt all		et in w			surfa		ntermediat Weight				epth set	<u>-</u>	Sac	cks car	ent	A	mt. pu	lled
	Suri				7411			78"		32.				751		490	<u> </u>	··	No	ne	
		ducti		13 3 8 3	ئبيا		711	7/0-		23	<u>ان</u> ر			4462		150			No		
	1100		<u> </u>														<u> </u>		<u> </u>		
				BING R							1			Bottor	RECO	RD ——	Sacks	cement	l Sc	creen ((L)
	Size	3/8"		Depth set 311	ft.		ker set al ONO	ft.	Nor	ie in.	To	_	ft.			ft.					
				PERI	ORATIO)N F	ECORD							OT FR			EMEN'		EEZE		RD
	Nun	ber per	It.	Size &	: type			pth In	terval	l 				of mater			<u> </u>	_			
	3				jet		39-42				- K)00 8	al A	5 00#	gand gand	_ <u>g</u>	<u></u>		6-42 9-42		
	1			0.52"	jet	142	46-425	1.	I	NITIAL P	ROI	0 S)	S CM	L & 20	000 g	a i	1	44.	7-46	<u> </u>	
	Date	e of fire	t prod	uction					(Indl	cate if flo	wing	, gas	lift or I	oumping	—if pun	nping	g, show	also o	& type	of pu	np:)
		7-6-6	9							10'x14			ne Pr				ođ. duri	no tes	r I ou	gravit	v
	1	e of test 2~69		s, tested 4	۱	oke one			.76	iuring test bbis.	1,	_	77.	MCF		03		bbls			- I (Cort)
	1 	ing pre			g presau		Cal'te	i rate o	f Pro	- Oil	!_		Gas			Wa				s oil r	
	1	None		N	one			n per			•76	bbls.		_77_	MCF		0.03	bble	127	<u>,</u> 600	/1
		position Vente	_	(state v	hether	vente	d, used f	or fuel	or so)d): 			<u>, </u>								
	CE	RTIFIC	ΛΤΕ: I,	the unde	rsigned,	unđe	r the pen	alty of	perju	ry, state th	sat I	am th	e Pr	oduct	ion S	up	erint	ende	nt)	.of the
	 re	. Kerr	-McC	eeCo:	rpora	tio ervis	nion and di	rection	and i	ompany), a	nd cts s	that I a tated th	ım autho ıerein ar	rivel b	said cor	mpan nd ra	y to ref	ke this	s report	; and t my kno	hat this wiedge.
		July	24,	1969	,			/	223				<u>.</u>	l			1	Uz.	1.		
.9	م ا	Date							757	TIENT	(Ò.	Sig \	nature	СЪМ	illia	ws					
1	Ariz Trib				-		f.	5	10	TO THE	18										
1	JEi			<u> </u>				100	97	\ \ \ \	À	7		<u>-</u>	STAT	E O	F ARI	ZONA			
1 2	RVKI	ng	•				 	7	\$ C	0 18	,	H	OIT	& GA						SION	٠.
	RF						, E.		C	AFTE CO		\mathcal{F}	Well	Completi	ion or R	есоп	npletior	Repo	rt and \	Veli Lo	g
-	- 1			الم			•	(X)	>	My	\\	For	m No. 4		F		One Cop	y		٠,	1
	Pe	rmit No	-	427					1/2	TIME	<i>y</i> 1										

(Complete Reverse Side)

•

T	 - T		ORMATIONS PENETRATED Description*						
Formation	Тор	Bottom	Description						
• Chuska/T.Wingate (Tertiary) hinle (Triassic) oconino (Permian) utler (Permian) ermosa (Penn) ntrusive (Tertiary)	Surface 718' 1792' 2514' 3641' 4222' 4401'	718* 1792* 2514* 3641* 4222* 4401****							
ississippian	7101	4407 12							
			•						
•									
•	<u> </u>	· ·							
		•							
e e e e e e e e e e e e e e e e e e e									
\$ \$									
•			MA						
·									
· <u>:</u>									
t we have t									
1 to 1 to 1									
· • • • • • • • • • • • • • • • • • • •			A Company of the Comp						

^{*} Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well. This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4 GERTARA .

BETTER BETTER

PLUGGING RECORD Address Operator P. O. Box 250, Amarillo, Texas 79105 Kerr-McGee Corporation Federal, State, or Indian Lease Number, or lessor's name if fee lease. 14-20-0603-8824 Well No. Field & Reservoir Dineh-bi-Keyah Field-lower Hermosa County Sec-Twp-Rge or Block & Survey Location of Well Sec 24, T36N, R29E <u>Apache</u> 550' FSL & 740' FEL Application to drill this well was filed in name of Character of well at completion (initial production):
Oil (bbls/day) | Gas (MCF/day) Has this well ever produced oil or gas Oil (bbls/day) Kerr-McGee Corporation 2.76 Yes Amount well producing when plugged:
Oil (bbls/day) Gas (MCF/day) Total depth Date plugged: Water (bbls/day) Oil (bbls/day) 50 Trace 4465 <u> 12-15-69</u> Size, kind & depth of plugs used Indicate zones squeeze cemented, giving amount cement Depth interval of each formation Fluid content of each formation Name of each formation con-taining oil or gas. Indicate which formation open to well-bore at time of plugging 150 sxs cement w/80 4222-4401 Trace Oil Lower Hermosa Intensive sxs squeezed into formation. Plug @ 3875' 125 sxs. Top of Possible fresh water 1792-2514' Coconino plug at 2291' in area CASING RECORD Pulled out (ft.) Left in well (ft.) Give depth and method of parting casing (shot. ripped, etc.) Packers and shoes Put in well (ft.) Size pipe Shoe at 751' 751' None 01 9 5/8" 751 Shoe at 4462' 4462' 0 , 44621 None Indicate deepest formation containing fresh water. Was well filled with mud-laden fluid, according to regulations? None indicated NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE Direction from this well: Name Surface Window Rock, Arizona Navajo Tribe South and West Denver, Colorado Humble Oil In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required. Use reverse side for additional detail. CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Kerr-McGee Corporation (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the jest of my knowledge. मेंcceivel] 12-18-69 Date Signature WRF-1 <u>Ariz-l</u> USGS-2 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Tribe-l Plugging Record JIF-1 File One Copy RWK-1

Form No. 10

િ

CJB-1

Permit No.

427

•--

GAS-OIL RATIO TEST REPORTS

ostevaneja

Filed under Oil-Gas Ratio Tests, Dineh-bi-Keyah Field in cabinet in office of Enforcement Director

UNITED STATES DEPARTMENT OF THE INTERIOR

Budget Bureau No. 42-R714.4. Approval expires 12-31-60.
Budget Bureau No. 42-R714.4. Approval expires 12-31-60.

ALLOTTEE .

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY LESSEE'S MONTHLY REPORT OF OPERATIONS ALLOTTEE Navajo TREE Navajo Navajo Navajo "F" Lease

Star	te	Ar	izon	<u>a</u>	Co	unty.	<u>Ap</u>	ache	Fie	<i>id</i>	igu-nt-ve	tivan
	The	follo	wing	is a	correc	t repe	ort of a	peratio	ons and pro	duction (i	nctuding o	rilling and producing
wel	ls) fo	r the	mon	th of	Nec	embe	r		, 19 69 ,	K.	err-McGee	Corporation
Age	ent's	addr	ess		U, BO	250		7010	<i>COT</i>	npany:	Willia	corporation m Morris
	 -			.Ama	TIIIQ	lex	(45	<i>[</i> .214	5 Sig	neu ent'o title		Clerk
Pho	one_			326	=125b.	·				GALLONS OF	BARRELS OF	I RRMAKKA
Sec.	AND OF H	Tur.	RANGE	WELL No.	Эдтэ Распусас	BARRE	TE DA OT	GRAVITY	Cu. Fr. or Gas (In thousands)	GASOLINE BECOVERED	WATER (If none, so state)	(If drilling, 'lepth; if shut down, acus date and result of test for gamilies content of gas)
E SE	24	36N	29E	1	0	o			0	0	0	*
						*	Plug a	nd Ab	ndon Well	12/15/69	. Lease	has expired.
							This i	1as	report t	o be file	d on thi	a lease.
		1			1							
						<u> </u>						
IST		LON										
	ISGS trip	ona							1			
[]	frib	e .	1									
		Fig Co			-							
1 - 1	HRF	1										
	RF-₩ T B	M reed									-	
1 -		1			1						-	
				İ								
	;											3
										1/3/	0 4 20	
. •										1/1/8		
												WE!
					Λ							
				W	9 /		•				JE O	1997 - T
											作业	半
							. •					·
			- 1	1	1	1		- [1	1	1	1

_ runs or sales of oil; ______. M. cu. ft. of gas sold; Nors.—There were

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

16-26231-6 U. S. GOYERHULBY PRINTING OFFICE

DEPARTMENT OF THE INTERIOR SUBMIT IN TO LICATE ON THE INTERIOR Verse side) Form approved. Budget Bureau No. 42-R1424. Form 9-331 (May 1963) 14-20-0603-8824 IF INDIAN, ALLOTTEE OR THEE NAME GEOLOGICAL SURVEY SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) NAVAJO MELL MELL OTHER 8. FARM OR LEASE NAME 2. NAME OF OPERATOR Kerr-McGee Corporation
3. ADDRESS OF OFERATOR P. O. Box 250. Amarillo, Texas 79105

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface 10. FIELD AND POOL, OR WILDCAT Dineh-bi-Keyah 11. sec., T., E., M., OR BLE. AND SURVEY OR AREA 550' FSL & 740' FEL (SE SE) Sec 24 Sec 24-T36N-R29E 15. BLEVATIONS (Show whether DF, RT, GR, etc.) 14. PERMIT NO. State No. Check Appropriate box To Indicate Nature of Notice, Report, or Other Data 16. SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: WATER SHUT-OFF BEPAIRING WELL PULL OR ALTER CASING ALTERING CASING PRACTURE TESATMENT MULTIPLE COMPLETE FRACTURE TERAT ABANDONMENT* BHOOTING OR ACIDIZING ABANDON* SHOOT OR ACIDIES (Norm: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) CHANGE PLANS REPAIR WELL 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* Plug No. 1--Squeezed perforations w/150 sxs cement. 80 sxs squeezed into formation and 70 sxs left in casing. Top of plug at 3875'. Plug No. 2--Perforated at 2514' RKB (Base of Coconino Sand) w/4 jets. Set cement retainer at 2424' and squeezed 100 sxs below retainer and spotted 25 sxs on top of retainer. Top of plug at 2291'. Plug No. 3--25 sxs surface plug from GL to 100'. No pipe was pulled from well. Installed dry hole marker. Abandonment completed 12-15-69. EC 22 1959 STATE O & G 18. I hereby MAL-TITLE DATE ... Dec 3, -(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

 (\bar{g})

*See Instructions on Reverse Side

TITLE

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.) 1. NAW 310 MENT NAME	(May 1963)	DEPARTM	ENT OF THE INTE	RIOR (Other instructions on verse side)	5. LEASE DESIGNATION AND SERIAL NO
SUNDRY NOTICES AND REPORTS ON WELLS One of the this form for proposed to the presentation of the presenta					14-20-0603-8824
(Do not use this four for proposal to drill or in deepen or high back to a different reservoir. Other Other Other Other	SU	NDRY NOTI	CES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAS
State No. 21 ELEVATIONS (Show whether Dr. Rt. Os. 421 TASAN REPORT STATES) 10. THE ART FOLO, OR WHETET PROPERTY NO. 12 ELEVATIONS (Show whether Dr. Rt. Os. 422 TASAN REPORT STATES) 10. THE ART FOLO, OR WHETET PROPERTY NO. 12 ELEVATIONS (Show whether Dr. Rt. Os. 422 TASAN REPORT STATES) 10. THE ART FOLO, OR WHETET DESTRUCTION OF THE ALL PROPERTY NO. 12 ELEVATIONS (Show whether Dr. Rt. Os. 422 TASAN REPORT STATES) 10. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Day's Appachase No. 427 TASAN REPORT STATES WATER SHOPPORT OF INTERIOR TO: 10. THE ART FOLO, OR WHETET DAY REPORT STATES (Show whether Dr. Rt. Os. 422 TASAN REPORT STATES) 10. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Day's Appachase Notice of Notice, Report scaled and the Appachase of Notice (Check Tasan Transfer of Notice) 11. EXCEPTION THE THE TRANSFER ARE TASAN REPORT SHOPPERTY SACRED CARRY STATES THE NOTICE OF ACCURATE TRANSFER OF THE TRANSFE	(Do not use the	his form for propess	als to drill or to deepen or pl TION FOR PERMIT—" for su	ug back to a different reservoir. ch propossis.)	
ORTHOR OF TRANSPORT OF TRANSPOR	1.				7. UNIT ATRIBUENT NAME
3. JUBILES OF OFFICENCE 4. JUBILES 550' PSL & 740' FEL (SESE) Sec 24 16. JUBILES 16. LEVATIONS (Show whether of . H. c. etc.) 16. LEVATIONS (Show whether of . H. c. etc.) 16. LEVATIONS (Show whether of . H. c. etc.) 16. LEVATIONS (Show whether of . H. c. etc.) 17. JUBILES OF OFFICENCE OF INTERIOR TO: 18. APACIDE THAT WATER SHOP OFFI 18. CHARGE THAN MULTIPLE CONSTANT WATER SHOP OFFI 18. CHARGE THAN MULTIPLE CONSTANT WATER SHOP OFFI 19. CHARGE THAN MULTIPLE CONSTANT WATER SHOP OF THE CONSTANT WATER SHOP OFFI 19. CHARGE THAN MULTIPLE CONSTANT WATER SHOP OFFI 19. CHARGE THAN MULT	OIL GAS	OTRER			
A LOCATES OF WELL TREAST SOCIETY FOR A TABLE CLAINS STATE WATER SHOTOFF OF LATES AND TO THE WATER SHOTOFF OF THE W					8. FARM OR LEASE NAME
LOCATION OF MELL (RESOT) Desiles during and to neconflace with any side requirements. LOCATION OF MELL (RESOT) Desiles during and to neconflace with any side requirements. Sto' FSL & 740' FRL (SESE) Sec 24 LOCATION OF MELL (RESOT) Desiles AND TOOLS ARE AND SEC PROPERTY AND THE S	Korr	-MeGoe Cor	noration		Navajo npe
See also since it below.) Soo' PSL 5 740' FEL (SESE) Sec 24 11. FERRIT NO. 12. FERRIT NO. State No. 427 8485' GR Check Appropriet Box To Indicate Nature of Notice, Report, or Other Data Appropriet Box To Indicate Nature of Notice, Report, or Other Data Appropriet State No. 427 BASS' GR 10. Check Appropriet Box To Indicate Nature of Notice, Report, or Other Data Appropriet State No. 427 BASS' GR NULTIFIER COMPLETE SHOT OF ACTIONS THERMON TO: WATER BRUCKOFF THATMENT AFFORM WILL CHANGE THATMENT AND APPROVED WORLD' THAT CHANGE THATMENT AND APPROVED WORLD' TO SECRETE THATMENT AND APPROVED BY APP	3. ADDRESS OF OPERA	TOB			9. WELL NOP
See also since it below.) Soo' PSL 5 740' FEL (SESE) Sec 24 11. FERRIT NO. 12. FERRIT NO. State No. 427 8485' GR Check Appropriet Box To Indicate Nature of Notice, Report, or Other Data Appropriet Box To Indicate Nature of Notice, Report, or Other Data Appropriet State No. 427 BASS' GR 10. Check Appropriet Box To Indicate Nature of Notice, Report, or Other Data Appropriet State No. 427 BASS' GR NULTIFIER COMPLETE SHOT OF ACTIONS THERMON TO: WATER BRUCKOFF THATMENT AFFORM WILL CHANGE THATMENT AND APPROVED WORLD' THAT CHANGE THATMENT AND APPROVED WORLD' TO SECRETE THATMENT AND APPROVED BY APP	P_O	Box 250.	Amarillo, Tex	as 79105	10 TIELD AND POOL, OR WILDCAY
11. FEBRIT NO. State No. 427 B485' CR. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTERNION TO: TEST WATER SHOT-OFF PILL OR ALTER CASING NULLTURE COMPLETE ASSAURCE PLANS INCOME. ASSAURCE PRACTICE TRAIN SHOOT OR ALTER ASSAURCE PLANS INCOME. ASSAURCE PLAN	See also space 17	"(Report location cl below.)	early and in accordance with	any State reduttements.	
14. FEBRIT NO. State No. 427 15. EMENATIONS (Show whether DF. RT. CR. 40.2.) 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Date NOTICE OF INTENTION TO: TEST WATER SHOTOFF FRACTURE TREAT MULTIPLE COMPLETE SHOWER PLANS WATER SHOTOFF FRACTURE TREAT WALL (Other) 17. DESCENSION OR CONFLETE OF DEPARTORS (Clearly state all pertinent details, and give pertinent date, including estimated date of sharting when the same of the second tree making in the same of the second tree making in the same of the second tree making and some pertinent to this work.) 18. Change in plans for plugging of well are due to adverse weather conditions making recovery of 7" casing uneconomical. Also having difficulty getting suitable equipment. New proposal is to squeeze perforations w/150 Saxs cement. Perforate 7" casing w/4 holes at base of Coconimo Sand (2514') and squeeze w/100 Saxs cement. Sat 100' plug at top of 7" casing. Bradenhead will be left on well and surface marker installed. 3-USGS 2-Arizona 1-Tribe 1-JIP 1-RWR- 1-JIP 1			i mar lancul c	05 24	11. BEC., T., R., M., OR BLK. AND
14. COUNT Of ALABASI 16. STATE State No. 427 B485' GR Check Appropriate Box To Indicate Noture of Notice, Report, or Other Date NOTICE OF INTENTION TO: NOTICE OF INTENTION TO: PELL OR ALTER CASING FLANS MULTIPLE COMPLETE SHOOT OR ACHIPLE THAN SHOOT OR ACHIPLE THAN SHOOT OR ACHIPLE OF PRACTICES THAN INDICATE THAN INDI	550*	FSL & 740	. LRP (2F2F) 2	ec 24	
State No. 427 State No. 427 State No. 427 Check Appropriate Box To Indicate Nature of Notice, Report, or Other Date NOTICE OF INTEXED TO: TEST WATER SHUT-OFF FRACTURE TREATY MATER SHUT-OFF TREATY WATER SHUT-OFF FRACTURE TREATY MATER SHUT-OFF TREATY WATER SHUT-OFF FRACTURE TREATY MATER SHUT-OFF TREATY WATER SHUT-OFF FRACTURE TREATY MATER TR					
Check Appropries Box To Indicate Native of Notice, Report, or Other Data NOTICE OF INTENDIA TO: NOTICE OF INTENDIAL TO: NOTICE OF INT	14. PERMIT NO.		15. ELEVATIONS (Show wheth	er DF, RT, GR, etc.)	12. COUNTY OF PARISH 18. STATE
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data **ADDRIGUENT OF INTENTION TO:** **TEST WATER SHOT-OFF** **PILL OR ALTER CASING** **PILL OR ALTER CASING** **PILL OR ALTER CASING** **PILL OR ALTER CASING** **PRICTURE TREAT** **SHOT OR ACTICIZE** **SHOT OF ACTICIZE** **PRICTURE TREAT** **SHOT OR ACTICIZE** **SHOT OF ACTICIZE** **PRICTURE TREAT** **SHOT OR ACTICIZE** **PRICTURE TREAT** **SHOT OR ACTICIZE** **PRICTURE TREAT** **SHOT OF ACTICIZE** **PRICTURE TREAT** **SHOT OFF** **SHOT OFF* **SHOT OFF** **SHOT OFF** **SHOT OFF** **SHOT OFF** **SH	Stat	e No. 427	84851 GR		Apache Arizo
TEST WATER SHUP-OFF PELL OR ALTER CASING PRACTURE THEAT RANDON* PELL OR ALTER CASING PRACTURE THEAT RANDOS* ARANDOS* ARANDOS* ARANDOS* ARANDOS* ARANDOS* ARANDOS* CHANCE PLANN CHANCE PLANN COMPETER OF REcompletion of Medition on Well Completion or Recompletion completion on Well Completion or Recompletion and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OFFRATIONS (Clearly state all pertinent details, and give pertinent date the completion of Recompletion completion on Well Completion or Recompletion and Log form.) Change in plans for plugging of well are due to adverse weather conditions making recovery of 7° casing uneconomical. Also having difficulty getting suitable equipment. New proposal is to squeeze perforations w/150 sxs cement. Perforate 7° casing w/4 holes at base of Coconimo Sand (2514') and squeeze w/100 sxs cement. Sat 100' plug at top of 7° casing. Bradenhead will be left on well and surface marker installed. 3-USGS 2-Arizona 1-Tribe 1-JIP 1-WRP (This space for Persayle State gife use) APPROVED BY JUNE 10 STATE JUNE			propriate Box To Indica	te Nature of Notice, Report,	or Other Data
TEST WATER SHOTOFF PRACTURE TRAIT SHOOT OR ACTIDIZE CHANGE FLANS (Other) 17. DESCRIPE WOOD, If well is directionally drilled, give subscrince locations and measured and true vertical depths for all markers and sones performed to this work.) Change in plans for plugging of well are due to adverse weather conditions making recovery of 7° casing uneconomical. Also having difficulty getting suitable equipment. New proposal is to squeeze perforations w/150 sxs cement. Perforate 7° casing w/4 holes at base of Coconimo Sand (2514') and squeeze w/100 sxs cement. Sat 100' plug at top of 7° casing. Bradenhead will be left on well and surface marker installed. 3-USGS 2-Arizona 1-Tribe 1-JIP 1-WRP (This space for Yelens) for State yages use) ANTERING THE TRAITE TRAITED ALTERING WALL SATE ALL SATE A					1 the 2 mg
PRACTURE THAT SHOOT OR ACHOLING PRACTURE THAT NO. SHOOT OR ACHOLING REPARK WELL. CHANGE PLANS C			[1		PEPAIRING WELL
SHOOT OR ACIDIZE SHOOT OR ACIDIZE Other) Other of the decidence of the completion of Well Completion of Recompletion of Well Completion of Recompletion Report and Log form.) Other of the decidence of the completion of the completion of Well Completion of Recompletion Report and Log form.) Other of the decidence of the completion of Well Completion of Recompletion Report and Log form.) Other of the decidence of the completion of Well Completion of Recompletion Report and Log form.) Other of the decidence of the completion of Well Completion of Recompletion of Recomp	TEST WATER SH	 		··· -	
Change in plans for plugging of well are due to adverse weather conditions making recovery of 7" casing uneconomical. Also having difficulty getting suitable equipment. New proposal is to squeeze perforations w/150 sxs cement. Set 100' plug at top of 7" casing. Bradenhead will be left on well and surface marker installed. 3-USGS 2-Arizona 1-Tribe 1-JIP 1-RWK- 1-JB 1-WRP (Other) (Other			1		
(Other) (Other) (Other) (Other) (Completion or Recompletion of Medicompletion on Well Completion or Recompletion of Recomp	-	- <u>├</u>		(Other)	
17. DESCRIBE PROPOSED OF CAPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of sharing and somes pertinent dates, including estimated date of sharing and somes pertinent to this work.)* Change in plans for plugging of well are due to adverse weather conditions making recovery of 7" casing uneconomical. Also having difficulty getting suitable equipment. New proposal is to squeeze perforations w/150 sxs cement. Perforate 7" casing w/4 holes at base of Coconimo Sand (2514') and squeeze w/100 sxs cement. Sat 100' plug at top of 7" casing. Bradenhead will be left on well and surface marker installed. 3-USGS 2-Arizona 1-Tribe 1-JIP 1-RWK 1-JIB 1-WRP 18. I hereby critify that the forgeding is plue and correct SIONED TITLE Manager DATE TITLE Manager DATE DATE 17. 15. 4-7 CONDITIONS of APPROVAL IS ANY.				(Monay) Panay) ve	sults of multiple completion on Well completion Report and Log form.)
3-USGS 2-Arizona 1-Tribe 1-JIF 1-RWR 1-JB 1-WRP 18. I hereby critify that the foresolug is stucked entrect SIGNED TITLE Manager DATE THE Manager DATE	condition having di to squeez w/4 holes	s making recover fficulty getting e perforations at base of Control t. Set 100' p	ery of 7" casing wang suitable equipm w/150 sxs cement.conimo Sand (2514' lug at top of 7" of	neconomical. A180 ent. New proposal is Perforate 7" casing) and squeeze w/100 casing. Bradenhead w	
2-Arizona 1-Tribe 1-JIF 1-RWK 1-JB 1-WRP 18. I hereby certify that the foregoing is frue and correct SIGNED TITLE Manager (This space for rederal or State office use) APPROVED BY APPROVAL IS ANY:		be left o	n well and sur	tace marker instai	
1-Tribe 1-JIF 1-RWK 1-JB 1-WRP 18. I hereby certify that the foregoing is if we and entrect SIGNED TITLE Manager (This space for Pederal/fr State/office use) APPROVED BY APPROVED BY APPROVED BY CONDITIONS OF APPROVAL, IF ANY:					
1-JIF 1-RWR 1-JB 1-WRP 18. I hereby certify that the foresoling is frue and correct SIGNED TITLE Manager DATE (This space for Pederal or State office use) APPROVED BY APPROVAL, IF ANY:					
1-RWR 1-JB 1-WRP 18. I hereby certify that the foregoing is rive and entrect SIGNED TITLE Manager DATE (This space for rederal or State office use) APPROVED BY APPROVAL IF ANY:					
18. I hereby critify that the foregoing is true and correct SIGNED TITLE Manager DATE APPROVED BY APPROVAL IF ANY:	•			-	///.%% *** ********************************
18. I hereby certify that the foregoing is true and enfrect SIGNED TITLE Manager DATE (This space for Pederal or State office use) APPROVED BY APPROVAL, IF ANY:					图《《秦文》《《高言
SIGNED TITLE Manager DATE (This space for Federal or State office use) APPROVED BY APPROVAL, IF ANY:					一一一位的
SIGNED TITLE Manager DATE (This space for Federal or State office use) APPROVED BY APPROVAL, IF ANY:			-2		Victor South
SIGNED TITLE Manager DATE (This space for Federal or State office use) APPROVED BY APPROVAL, IF ANY:				·	
SIGNED TITLE Manager DATE (This space for Federal or State office use) APPROVED BY APPROVAL, IF ANY:					Control !
SIGNED TITLE Manager DATE (This space for Federal or State office use) APPROVED BY APPROVAL, IF ANY:				·	
(This space for Péderal/or State/office use) APPROVED BY APPROVAL, IF ANY: CONDUCTIONS OF APPROVAL, IF ANY:	18. I hereby certify	that the foregoing	is frue and correct		
(This space for Péderal/or State/office use) APPROVED BY APPROVAL, IF ANY: CONDUCTIONS OF APPROVAL, IF ANY:	SIGNED	4/11	1/1/1/V TITLE	Manager	DATE TARE
APPROVED BY APPROVAL IF ANY: CONDITIONS OF APPROVAL IF ANY:			<u> </u>		
CONDITIONS OF APPROVAL IF ANY:		Town State of	TIMMA 1 Tours	EX Sec	DATE 12-15-6
		OF APPROVAL, IF	ANY:		

*See Instructions on Reverse Side

427

December 11, 1969

Memo to Kerr-McGee #1 Navajo F T36N, R29E, G & SRM Sec. 24: SE/4 SE/4 Apache County Permit #427

Memo taken per telephone conversation this date. Mr. Bud Williams, Amarillo, Texas, Kerr-McGee, called and advised of a change in plugging of this well. They wanted immediate approval of this new plugging program so they could move in right away while the weather is such that they can get in. Also the Indians want it done right away.

They were going to shoot off the 7" pipe at 3500' but because of the time element will now leave it in the hole. They plan to squeeze the existing perforations (4239-4251'), and go into the Coconino (base at 2514') and plug with 100 sacks of cement. They plan to set a 100' plug at the top of the casing and install a surface marker. The total depth of this well was 4462'.

Verbal approval was given this date by John Bannister. Mr. Williams said he will submit reports in a short time.

SUBMIT IN TRIB ATE. Form approved. Budget Bureau No. 42-R1424. ED STATES Form 9-331 (May 1863) DEPARTMENT OF THE INTERIOR (Other Interior verse adde) 14-20-0603-8824 GEOLOGICAL SURVEY SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

"Use "APPLICATION FOR PERMIT" for such proposals.) Navajo MELT X WELL OTHER 8. FARM OR LEAST NAME 2. NAME OF OPERATOR Navajo "F" Kerr-McGee Corporation P. C. Box 250. Amarillo, Texas 79105

1. Indiation of Well (Report location clearly and in accordance with any State requirements.)

See also space 17 below.)

At surface 10. FIELD AND POOL, OR WILDCAT Dineh-bi-Keyah 11. SEC., T., R., W., OR BLE, AND SURVEY OR AREA 550' FSL & 740' FEL (SESE) Sec 24 14. PERMIT NO. 15. BLEVATIONS (Show whether D?, ET, GR, etc.) 8485' GR State No. 427 Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data AUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: WATER SHUT-OFF PULL OR ALTER CABING TEST WATER SHUT-OFF MULTIPLE COMPLETE PRACTURE TREATMENT PRACTURE TREAT SHOOTING OR ACIDIZING SHOOT OR ACIDIZE CHANGE PLANS REPAIR WELL (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) * Well was temporarily abandoned in July, 1968, due to poor response from stimulation work performed on the well. Pumping Unit was installed during July, 1969, to pump test well. Production was as follows: July - 23 days, 93 BO and 32 BW; August - 31 days, 0.4 BO and 25 BW; September - 30 days, 5 BO and 16BW. Well is uneconomical to operate. Lease expires on October 30, 1969. Plugging requested to allow removal of equipment from lease. Well has 7" casing at 4462' and perforations from 4239' to 4251! Proposed to squeeze perforation using 150 SXS cement. Shoot off pipe at approximately 3500' and pull same. Set 100' cement plug across pipe stub. Set cement plug across base of Coconido Sand from 2364 to 2614. Set cement plug acress base of surface pipe from 701' to 801' & Set 25' surface and install surface marker. Now perf. (ogginal 2) 2514

squely w/ history 3 - USGS 2 - Arizona - Tribe - J. I. Fisher 1 - R. W. King 1 - J. Breeden 1 - INR hereby certify that AND GEN TITLE (This space for Federal or State office use) CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

431

X Lambert X Lhan

August 27, 1969

Memo to Kerr-McGee #1 Navajo F T36N, R29E, G & SRM Sec. 24: SE/4 SE/4 Apache County Permit #427

Memo from J. Lambert

Talked to Joe Breeden at 1:30 this date. Having received a GOR report that indicated this well was a gas well and holding in mind that 125 barrels of oil was the only production reported for the month of July, I listened to their explanation. It seems that the production in the tank this month proved to be largely water so they decided to do a GOR test and he assures me that the reported 62.5 MCF was the day's production on the date the well was tested, and that of the fluid produced, only 1% was oil.

Account of low production they are considering plugging and abandoning the well.

74

				· ·	
PC	OTENTI (EST AND REQUEST I		WELLS	
Worl Woll Over	s- []	П	Plug Back	Same Reservoir	Different Reservoir
New Well A over	L	Deepen Ll	ваек С	Reservon	1,000,100
Other Reason For Filing:					
Operator COPPO	DAMTON				
KERR-McGEE CORPO		lding, Farmingto	n, New Mexico	87401	
		DESCRIPTION OF W			
······································	nber, or Lessor		Well Name		Apache
Footage Location 550 FSL and 740 FEL	(SESE)				
Sec. Twp. Rge. Sec 24, T36N, R29E					
Date spudded 11-6-67		leted, ready to 7-6-69	Total depth 4465		.т.р. Ю0 [†]
Field and reservoir	Lower Her	mosa	Top of pay 4222		ducing interval 239-4251
		TEST I	DATA		
Data of met pro-	e of test	Length of test	t Produc	ing method (flow gas lift) Pump	Amount of load oil injected if any.
	7-22-69	24	nrs.	P	np size, length of stroke
Number of barrels of oil produced recompletion date to test date	106]	and strokes per minute	1	SPM, 2 hrs per day
Tubing pressure		Casing pressure		Choke size	
None *Actual production during test:	Oil (bbls)	None	Water (bbls)	1	s (MCF)
2.79 bbls		2.76	0.03	<u> </u>	77
*Production must actually equal of	or exceed well	s daily allowable or test r	must be for full 24 hours	;	
Gas-oil ratio		Oil gravity		Name of transp	
27,600	MCF/bbl.	34.2	* A.P.I. corrected	Kerr-McGee	Pipeline Corporati
Number of acres attributed to this well	Number o reservoir this well	f producing wells in this on this lease, including	completion:		uly allowable requested bls)
160 (SE ¹ / ₄)		0ne	Single		
Plat showing acreage attached—in or drilling to the same reservo the same lease completed in or o	plat should shir, and the book irilling to the	ow leases, offset wells, d undaries of drilling and p same reservoir, the num	istance from this well roducing, or proration, ber of acres in each un	to the nearest we units attributed to the number and the number	o this well and other wells o
CERTIFICATE: I, the undersigne KERR-McGEE CORPORAT report was prepared under my su	ION	freedwool	that I am authorized	Said company to	make this report; and that thi
July 24, 1969 Date		STATE	Shipture	CDWilliams	Min
Witnessed by:	Organizati				TION COMMISSION
	Signatur	e Z	Potential	Test & Request fo	r Allowable—Oil Wells
	Date			File One	Сору
Permit No. 427	-		Form No. 6		

\ \earlie T RWKing

1 Tribe 2 WRF

1 JIFisher 1 RF

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R7 Approval expires 12-31-60.	

OLAYAM

LESSEE'S MONTHLY REPORT OF OPERATIONS

vells) fo Agent's	or the addr	mon ess 2	th of 15 P	etrole	Num Co	ster	Build	., <i>19</i> . 69 , Ang	Con	rpany	KIDR-M	GEE CORPORATION
igores o	GGG,			ngton					1	red		am marris
Phone .		3	27-9	637			-		Age	nt's title .	Produc	ion Clerk
SEC. AND H OF H	Twr	RANGE	No.	Days Propuced	Barres	OF OIL	GRAVITT	Cu. Fr. or (In thousa	Cas ds)	GALLONS OF GASOLINE BECOVERED	BARRELS OF WATER (If none, so state)	BEMARKS (If drilling, blopth; if shut down, on date and result of tast for gasolis content of gas)
z, 24	36H	295	1	0	lione	. 4	12					
 					end on s with	ran t neka 10 i	reds P ele	to 429 • Inst strie :	i'. all oto	ian 2x ed Metic	x10x1 Dis rie lim	
edeu s elta s												
Trib JIF1 WIF I RF.	1.											
i RP,											DIEN A	
										100	TATE O	Pos E
Λ										13	COL	G [=]

runs or sales of oil; _____ Norm.—There were ... M. cu. ft. of gas sold;

Nore.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

16—26231-6 Q. S. GOYLANMENT PRINTING OFFICE 833-35 1

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form a Budget	pproved Bureau	No.	42-R356.5

TRIBE NAVAJO RATIONS FF LEASE

LESSEE'S MONTHLY REPORT OF OPERA

.. Field ..

State	Az	izon	8	Co	unty	Še op a	Fi	eldD	ingh-hi-K	eyah
The	follo	wing	is a	correc	t report of C	perati	ons and pr	oduction (i	ncludtn <u>e</u> d	rilling and producing
wells) f	or the	mon	th of	' 	July		_, 19_ 68 ,	/		
Agent's	addr	e s s	215 -	Petro.	Leum Center	Buil	ding Co	mpany	76/	Wen.
					o, Her Max	LCQ0	10	ent's title	Williams	Frod Supt
Phone			327-	9637				1 0	BARRELS OF	REMARKS
Hop H	Twr.	RAMOR	No.	DATE PRODUCED	BARRELS OF OIL	GBAVIII	CU. Fr. OF GAS (In thousands)	GASOLINE BECOVERED	WATER (LI Boze, so state)	(If drilling, depth; if shut down, entire; date and result of test for gasoline content of gas)
SESE, 24	36N	295	1	0	None k	6]] t	amoreril	e abandon	at he	· Viay 1969
Design 24		-/-	_						,	U
]			ļ	ŧ				ļ	
	1									
				1					}	
	1		1						1	
	1	}					İ			
	1			1		1.				
	1	1							.	
1	1					}	*			
4"								Ì		
2 0505,	Raswe	11					1	İ		
2 Aris			1			- [
1 Tribe 1 JIFish										
1 WRF							,			
1 RF										

runs or sales of oil; . M. cu. ft. of gas sold; Note.—There were

runs or sales of our;

runs or sales of gasoline during the month. (Write "no" where applicable.)

No72.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

U.S. GOVERNMENT PRINTING OFFICE: 1966 0-238-424

Form approved, Budget Bureau Nc. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO. Form 9-331 (May 1963) DEPARTMENT OF THE INTERIOR verse side) 14-20-0603-8824 GEOLOGICAL SURVEY 6. IF INDIAN PALLOTTES OR THISE NAME SUNDRY NOTICES AND REPORTS ON WELLS Devado (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) T. UNIT AGREEMENT NAME WELL GAS OTHER 8. PARM OR LEASE NAME 2. NAME OF OPERATOR Mavajo Mi Kerr-McGee Corporation 9. WELL NO. 3. ADDRESS OF OPERATOR 215 Petroleum Center Building, Farmington, New Mexico 87401

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface · 1 10. FIELD AND POOL, OR WILDCAT Dineb-bi-Keyah 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA. 550' FSL and 740' FEL (SESE), Sec. 24 Seo, 24, T36K, R29E 12. COUNTY OR PARISH 38. STATE 15. ELEVATIONS (Show whether DF, RT, GR, etc.) State 427 Apache Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data BELVINING AUTT TEST WATER SHUT-OFF ALTERING CASING CHANGE PLANS (Other) Temporarily Abandon 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) Due to poor response from additional stimulation work performed on the well; permission is requested to temporarily abandon the well while we consider possible additional stimulation work or utilization of the well bore for some other purpose such as deepening to a lower some. 18. I hereby certify that the TITLE Production Superintendent 2 DATE SUPERIN SIGNED C D WILL (This space for Federal or State office Executive Secretary Tage DATE Arizona Oil & Gas Conservation Commission in the state of Distributions 2 Aris x 1 Tribe 1 JlFisher *See Instructions on Reverse Side

1 Wrf 1 RF

	,		<i>(</i> *)	
Form 9-331	(ALLIA	ED STATES	SUBMIT IN TELPLICATE®	Form approved. Budget Bureau No. 42-R1424.
(May 1963)	DEBARTMENT	OF THE INTER	(Athan instructions of the	
			TOTE verse many	14-20-0603-8824
		OGICAL SURVEY		8. IP-INDIAN, ALLOTTEE OR TRIBE NAME
SUN	DRY NOTICES	AND REPORTS	ON WELLS	· (승규 화충
(Do not use this	form for proposals to	drill or to deepen or plug	back to a different reservoir. proposals.)	i i i i i i i i i i i i i i i i i i i
	Use "APPLICATION	FUR PERMIT— for Recut	proposats.)	7. UNIT AGREEMENT NAME
l. OIL (T GAS	П			
WELL THELL	OTHER			8. PARM OR LEASE NAME:
NAME OF OPERATOR				Nevado WP
Kerr-McGee C		. <u>.</u>		2. WELL NO.
3. ADDRESS OF OPERATOR		14	New Maxico 87401	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
215 Petroleu	n Center Bullo	ing, Farmington	- State manufactures 4	10. FIELD AND POOL, OR WILDCAT
 LOCATION OF WELL () See also space 17 bel 	teport location clearly : ow.)	and in accordance with an	3 State tedutiements.	有意答義 原 原志而名
At surface		\ a \ Ab		11, 8EC, T., B., M., OR BLE. AND
550' FSL and	740° FEL (SE	SE), Sec. 24		SURVET OR AREA
				Sec. 24. T368. R29E
14. PERMIT NO.	15.	ELEVATIONS (Show whether	DF, ST, GR, etc.)	HARRE LE CURALLE
State 427		8485* GR		in the same
16.	Charle Annuan	riata Par Ta Indicate	Nature of Notice, Report, or	Other Data & Barre
10.				QUART SPORT OF
	NOTICE OF INTENTION	ro:	SUESE C-	ଅଞ୍ଜିଷ୍ଟ ଅନ୍ତ∫ତ ଜୁ—
TEST WATER SHUT-	PULL (OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	мист	PLE COMPLETE	PRACTURE TREATMENT	ALTERING CUSING
SHOOT OR ACIDIZE	ABAND	ox•	SHOOTING OR ACIDIZING	ARANDON SENT
REPAIR WELL	CHANG	E PLANS	(Other) Squeese &	Reperiorate
(Other)			(Norz: Report resul	its of multiple completion on Well apletion Report and Log form,)
4,000 gal of avg inj rate	11, 20,000# 20 28 bbls /mi	-40 sand and 2,	9-4245 with 2 jets /f 000# Mark II adomite press 1800 psis ISD	cess for group of 8 press 3000 per 1 t. Free with 2 han Frees 3000/1 1500 per 30 sin
1110. Ren	ibg and swab t	ested well.	36.52 10.52	nedia series
6-26-68	21	6 bbls	뀵	보증폭발 - ^ 월드로로
6-27-68	10			The property of the state of th
6-28-68		2 ppr		HOLE AND D
6-29-68	-	5 bbls		
6-30-68		7 bbls		
7-1-68	•	8 bbls		
1-1-00	h ś			CONTRACTOR OF THE PARTY OF THE
Church Jeans on	•			いる は は ない
Danc dunn B	mabbing operat	CTORB.		A CONTROL OF THE PARTY OF THE P
•		•		WALLE & VELOCITATION \
				And the second of the second o
	27			tion beoking the property of t
,	41 -			a dealer which to control of by the control of by the of the model of the model of the of the of the of the of the
18. I hereby certify ti	at the foregoing is tr	and correct		न्हें हैं पुरुष्ट में ब्रा ने हैं में ह
7	1/1//////	111.	Production Superintend	lent: 250 0 1968
SIGNED C D	4134	TITLE	a vanta same safter Tileatt	<u> </u>
	ederal or State office t	ise)		<u> </u>
(This space sor a				Total Residence of the second section of the second section of the second secon
APPROVED BY		TITLE		tioned for a place of the contents in the cont
CONDITIONS OF	APPROVAL, IF ANY	•		gr ilgrung? milled bitts lives t beer lead about the about lead of the about lead li alpha in a line a li alpha in a line a li alpha in a line a lin
				condition of the condit
				interestations in the state of

Distributions

2 USGS

2 Aris x

1 Tribe 1 diffisher

1 WRF

1 RF

(3)

27

*See Instructions on Reverse Side

Form approved, Budget Bureau No. 42-R1424. JITED STATES Form 9-331 (May 1963) DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY 6. IF INDIAN, ALLOTTED OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) Meyajo 7. UNIT AGREEMENT NAME OIL GAS OTHER 2. NAME OF OPERATOR Maya jo are Kerr-Modes Corporation 3. ADDRESS OF OPERATOR 215 Petroleum Center Building, Farmington, New Mexico 87401 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface Bineh-bi-leyah 11. BEC. T., R., M., OR BLE: AND 550' PSL & 740' FEL (SESE) Sec. 24, T36N, R29E 800. 24, 136H, R298 12. COUNTY OF PARISH 18. STATE 15. ELEVATIONS (Show whether DF, RT. GR, etc.) 14. PERMIT NO. Apeche : 8485 OR Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data 16. SUBSEQUENT REPORT OF NOTICE OF INTENTION TO: เมิร์เทื่อเกียร์ผู้จลด 🚊 WATER SHUT-OFF TEST WATER SHUT-OFF ALTERING CASING PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Total Depth ABANDONMENT ABANDON* SHOOT OR ACIDIZE CHANGE PLANS (Norn: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date, of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) Drilled 8-3/4" hole to 1465'. Set 7" O.D., 23", J-55, casing at 1462'. Committed with 150 and Chas A 50-50 Posmix coment with his gel. Used pump & plug method. Plug down 11-29-67. Tested casing with 1500 pel for 30 minutes. Beld OK. Waiting to move out rotary and move in completion unit. 18. I hereby certify that the foregoing is true a Production Superintendent SIGNED (This space for Federal or State office use) DATE APPROVED BY med day de al day dad aday grada gady grada CONDITIONS OF APPROVAL, IF ANY:

2-4ris. 000 1-17106 1-J.I.F. 1-187

427

*See Instructions on Reverse Side

n

Form approved. Budget Bureau No. 42-R356.5.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

TRIBE BAVAJO
LEASE NO. 14-20-0603-3824
NAVAJO NEN LEASE

LESSEE'S MONTHLY REPORT OF OPERATIONS

State	Ar.	izons	<u> </u>	Co		CDO		~~	The OT - PAR.	
The				correc	t report of c	perati	ons and pro _, 19 <u>68</u> _,	duction (i	feluding d	rilling and producing
wells) fo	or the	mon	th of			D-41.4	., <i>19.</i> ,	14	ERR MORE	CORPORATION
Agent's	addr	ess	וס די	FIOTO	um Center		Cor	npany	75/1	Mom
				a, hew	Mentico 8	7401	_	ned C D W	Ilisms.	<u> </u>
Phone .	3	27-9	637_				Ag	ent's title	Prod. Su	pt.
BEC. AND M OF H		RANGE	WELL No.	DATS PRODUCED	BARREIS OF OIL	GRAVITY	Cr. Fr. or Cas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	(If drilling, blytch; if shut down, cause; date and result of test for peculiar content of gas)
SESE,24	36N	29E	1 47	0	4239-42	5° wi 20,00	th 2 jets	Vit. Fr Swab tes Stice of	t. Shut intention	Reperforate th 40,000 gal in wall due to temporarily
							11.121.13	JUL 8 1968 STATE 0 & G		
2 USGS, X2 Aris 1 Tribs 1 JIFin 1 WRF 1 RF										

Note.—There were _______ runs or sales of oil; _______ M. cu. it. of gas sold; _______ no ______ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329A (December 1968) U.S. GOYERHMENT PRINTING OFFICE : 1968 O-238-424

•--

					
3 USOS					
2 Atim 1 Tribe 1 JIF 1 WAD	Form 9-331 (May 1963)	DEPARTMENT	ED STATES OF THE INTERIO	SUBMIT IN PLICATE* (Other instructions on reverse side)	Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.
1 RF	SUI (Do not use th	NORY NOTICES	AND REPORTS ON THE PROPERTY OF SUCH PROPERTY OF SUCH PROPERTY.	WELLS to a different reservoir.	6 DR INDIAN, ALLOTTES OF TRIBE NAME
	1.				7. UNIT AGREEMENT NAME
	OIL WELL WELL 2. NAME OF OPERATOR	OTHER	<u></u>		8. FARM OR LEASE NAME
	KERR-Ha		<u> </u>		D. WELL NO.
	3. ADDRESS OF OPERAT	Center Buildin	og, Farmington, He	Mexico 87401	9. WELL NO. 10: FIEED AND POOL- OF WILDCAT
	4. LOCATION OF WELL See also space 17 b At surface	(Report location clearly a elow.)	nd in accordance with any Sta	ite requirements.*	Things Hall
		o fel (see)	Sec. 24		GIT SEC. T., R., M., OR RIN. AND
					24. T364. 129E
	14. PERMIT NO.	1	ELEVATIONS (Show whether DF. 2	r. GR. etc.)	12 COUNTY OR PARISH 18. STATE
		<u> </u>		(Nation Deport of 1	जिल्ले हैं जिल्ले हैं
	16.	Check Appropr		ture of Notice, Report, or 6	UNIT REPORT OF:
	TEST WATER SHU		R ALTER CASING	WATER SHUT-OFF	THE STATE OF THE S
	PRACTURE TREAT	j = -	LE COMPLETE	PRACTURE TREATMENT SHOOTING OR ACIDIZING	ABANDONMENT.
a	SHOOT OR ACIDIZE	11	E PLANS	(Other)	s of multiple completion on Well
39	tuesse one Be-p	erfotato	Clearly state all pertinent	Completion or Recom	pietion teport and log forms
	proposed work. nent to this worl	IT well to directormans .	drilled, give subsurface location	ns and measured and true vert	cal depths for all markers and zones perti-
	Present perfo	rations in the	Lower Hermose Inti	resive at 4226°, 28	30, 32, 34, 35,
	364, 374, 384	, 39°, 40°, 41°	, 42°, 43°, 44°,	15", 40", 47", 49"	
	Propose to se	nd pack casing	up to 4239° and a	queens top group of	perferations (42252)8)
			clean out hole to 20-50 sand. Run s	4300° and re-perfor and pump and clean	nut to 43001. Such
	test well.	and the second of the second o			Tuest of the control
				·	
			•		See A
				•	
		1		•	in look by look of the look of
		7/0/			
	18. I hereby certify	that the foregoing is tru		oduction Superinten	18 19 18 19 19 19 19 19 19 19 19 19 19 19 19 19
	SIGNED C. D.	HILL	1		SECO B. SPAN
		Federal or State office to	Januarles	Executive Secret	a 1 1 10 108
	APPROVED BY CONDITIONS C	OF APPROVAL, IF ANY	STATE OF ARIZE		N GOMMISSIONS SES
		(/ _	PERSON	و الأولى و المرافق المرافق المرافق المرافق المرافق المرافق المرافق المرافق المرافق المرافق المرافق المرافق الم المرافق المرافق	dule of the control o
		Ĭフ ブ	*See Instruction	s on Reverse Side	And the second of the State St
	7	~ /			

2. ARIZONA Form approved. Budget Bureau No. 42-R714.4. 1, Tribe UNITED STATES 1, JIF ALLOTTEE HAVAJO DEPARTMENT OF THE INTERIOR 1, WRF GEOLOGICAL SURVEY 1, RF LEASE NO. 14-20-0603-8824 LESSEE'S MONTHLY REPORT OF OPERATIONS Field DINKS HI KYAH ARIZOMA APACES County State. The following is a correct report of operations and production (including drilling and producing TANKAT 1968 wells) for the month of Agent's address 215 Petroleum Center Building Company Farmington, N.w Marrico SignedAgent's title Production Supt. 327-9637 PhoneREMARKS
(If drilling, depth; if shut do
date and result of test for
content of gas) GALLONS OF GASOLINE BECOVERED BARRELS OF WATER (If none, so state) Cv. Fr. or Gas (in thousands) Wall. No. DATE BARRELS OF OIL GRAVITY TWP. RANGE OPERATIONS SHOT DOWN WHILE REVIEWING 42 36N 29B SESE 24 hone 1 POSSIBLE ALDITICAL STIMULATION WORK. SO ACTIVITY ON THIS LEASE EURISC May 19 68 JAHUARY, 1968 🦷

... runs or sales of oil; _

duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

runs or sales of gasoline during the month. (Write "no" where applicable.)

Norg.—Report on this form is required for each calendar month, regardless of the status of operations, and must be fi

. M. cu. ft. of gas sold;

U.S. GOVERNMENT PRINTING OFFICE: 1964-O-746-

2, USGS-Roswell

Norm.—There were

U TED STATES SUBMIT IN TRE CONTROL ON THE INTERIOR Verse side) Form 9-331 (May 1963) J, LEASE DESIGNATION AND SERIAL NO. 14-20-0603-6824 GEOLOGICAL SURVEY 6. IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) RAVAJO 7. UNIT AGREEMENT NAME MELL DIX MELL OTHER 8. YARM OR LEASE NAME RAVAJO MFH 2. NAME OF OPERATOR Kerr-McGee Corporation 9. WELL NO. 3. ADDRESS OF OPERATOR NO. 1 215 Petroleum Center Fldg. - Farmington, New Harteo
LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 10. FIELD AND POOL, OR WILDCAT Dimeh-bi-keyah 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA Sec. 24, T36E, R29E 550' FSL & 740' FEL (SE 38) Sec. 24 12. COUNTY OF PARISH 18. STATE 15. BLEVATIONS (Show whether DF, BT, GR, etc.) 14. PERMIT NO. Apeche 8485° GR Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data 16. SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: HEFAIRING WELL WATER SHUT-OFF TEST WATER SHUT-OFF XX ALTERING CASING FRACTURE TREATMENT PRACTURE TREAT SHOOTING OR ACIDIZING THE ABANDONMENT* SHOOT OR ACIDIZE CHANGE PLANS REPAIR WELL (Norz: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) Perf casing with 1 jt (0.52" hole) at 4226, 28, 30, 32, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 49, 51, didined perf with 2000 gal med sold and 20, 7/8" balls. Max. Pressure 1000 pei, Are. Treating Pressure 600 psi. Ave. Inj. Rate 5.5 BPH. ISD 400 psi. - 15 mins 200 psi. Symb down tubing. Got slight abov of oil. Free with 36,000 gallous oil with 204/1000 gal Ademite Hark II and 37,500%, 10-20 sand. Hax. press 2200 pais Ave. Treating Pressure 2200. Ave. Inj. Rate 71 BPH. ISD 1200 pet. 15 sine 1000 pmi. 2-0905 1-Tribe 1-JIF 1-WEF 1-RF 18. I hereby certify trate and correct DATE 12-11-67 TITLE Production Supt. SIGNED (This space for Federal or State office use) TITLE

Form approved. Budget Bureau No. 42-R1424.

STREET OF STREET

*See Instructions on Reverse Side

PLIANCE AND AUTH IZATION ERTIFICATE OF 4 OPERATOR'S TRANSPORT OIL OR GAS FROM LEASE Reservoir Federal. State or Indian Lease Number, or lessor's name if fee lease Navajo 14-20-0603-8824 Lower Hermosa (Intrusive) Dineh-bi-Keyah Field State Survey or Sec-Twp-Rge Arizona Apache County Sec. 13 & 24, T36N, R29E Operator Kerr-McGee Corporation ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO: 87401 New Mexico 215 Petroleum Center Bldg. Farmington, Above named operator authorizes (name of transporter) Kerr-McGee Pipeline Corporation State Transporter's street address Oklahoma 73102 Oklahoma City, KerMac Building Field address New Mexico 87401 P. O. Box 989 Farmington, Oil, condensate, gas well gas, casinghead gas OIL 100 from said lease. % of the To transport OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS: Product transported % transported Name of gatherer Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change. New Lease. The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the

STATE OF ARIZONA

OIL & GAS CONSEPNATION COMMISSION

1_WRF

1-RF

Kerr-McGee Corporation

November 30, 1967

2-AOGCG

1-Tribe

1-JIF

report was prepared under my supervision and direction and that the facts stated therein are true correct and complete to the best of my knowledge. Signature STATE OF ACTIONA
OIL & GAS CONSERVATION OF Operator's Certificate of Compliance & Authorization to Transport Oil or Gas from Lease File Two Copies Form No. 8

Production Supt.

(company), and that I am authorized by said company to make this report; and that this

Perm

0

Date

Date approved:

November 30, 1967

Bud Williams telephoned

Re: Kerr-McGee #F-1 Permit 427

Completed. Encountered 38 feet of sill.

Permission granted to run a line from #F-1 SE to #16, where oil will be put into Kerr-McGee gathering system. Operatore will install separator and meter prior to entrance into gathering system.

JΒ

2-USGS-Roswell
2-Arisons
1-Tribe
1-JIF
1-WRF
1-RF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved. Budget Burcau No. 42-R714.4.

TRIBE 14-20-0603-8824-LEASE NO. NAVAJO APA LEASE

LESSEE'S MONTHLY REPORT OF OPERATIONS

~		ZONA		Co	unty	APAC	HE	Fie	Id	EH-BI-KE	YAH
State Th	e follo	owing	is a	correq	townstate of a	perati	ons and		duction (i	rcluding d	rilling and producing
wells) f	or the	e mon	<i>th</i> 215	Petre	leum Cen	er H	dg.	~		by - Hoyo	• Corporation
Agent's	addr	ess			n, Now He				npany	7/	Malle
Phone				-9637				_	ned <u> </u>	Product	ion Supt.
SEC. AND	ī	RANGE	WELL No.	Data Pagnocad	BARRIS OF CIL	GBAVITY	Cu. Fr. or (In thousa	GAS nds)	GALLONS OF GASOLINE BECOVERED	BARRELS OF WATER (If DODE, SO STATE)	HEMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SESE 24	36H	291	1	Hone		211 c	sing a	Dr t 44 no d	lg 8-3/4 62' w/15 own 11-2	bole to baxe 50. 9-67. Wi	at 751° w/490 4465° and set 50 Posmix w/ 11 move out completion.
											PEDENTI STATE OF AND STATE OF A

Note.—There were _______ runs or sales of oil; _______ M. cu. ft. of gas sold; ________ More.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

A 628-6 mrown (Beet 1948)

427

U.S. GOVERNMENT PRINTING OFFICE: 1964-CI-746-790

6

orm 3-331 May 1963)	INITED STATE EPARTMENT OF THE	INTERIOR verse side)	n iPLICATE*	Form approved Budget Bureau 5. LEASE DESIGNATION AT	No. 42-R1424.
	GEOLOGICAL SUI	RVEY		14-20-0603-88 6. if indian, allottes	OR TRIBE NAME
	Y NOTICES AND REP In for proposals to drill or to deepe "APPLICATION FOR PERMIT—"	en or ning back to a different	t reservolr.	MAYAJO	5
OIL GAS GAS	OTHER			7. UNIT AGREEMENT NAM	5 5
MANE OF OPERATOR KETT-MODES COTT				NAVAJO P	5
ADDRESS OF OPERATOR				9. WELL NO.	
215 Petroleum (enter Bldg Fara	ington, New Next o	10	10. FIELD AND POOL, OR	WILDCAT
See also space 17 below.) At surface	•		SRM	Machald - Leve 11. sec. T. E. M. Of h	A. AND
550° FSL & 740'	FEL, (SESE) Sec. 2	74, 130s, 12ys e	S.M.CT	SUBARY OR THEY	ižoe gasem
14. PERMIT NO.	15. BLEVATIONS (Sho	w whether DF, RT, GR, etc.)		12. COUNTY OR PARISH	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
	84791 ((Ungraded)		Apacho	Aribona
16.	Check Appropriate Box To	Indicate Nature of Noti	ice, Report, or C	Other Data	
NOT	TICE OF INTENTION TO:	1			ده مينگ سي
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER S	HUT-OFF	REPAIRING W	:
FRACTURE TREAT	MULTIPLE COMPLETE		E TREATMENT	ALTERIKE C	
SHOOT OR ACIDIZE	ABANDON®	SHOOTIN	G OR ACIDIZING	ABANDONNE	
REFAIR WELL	CHANGE PLANS	(Other)	owe . Dennet remilt	s of multiple completion	ra Well
(Other)	OxiPLETED OPERATIONS (Clearly state	l I I Co:	mpletion or Recomp	lettor Rebort and rog tol	Щ:)
culated cemer WOC 12 hrs.	nite, 2% CaCl and 1/st, plug down at 8:55 Test casing and BOP	AM 11-8-67. Rel to 1200 psi for 3	ersec bress	mišš 🗟 š vočes 🕍	id ok.
8-3/4" hole t	plow surface casing.		4	tradestra of the tradestration and the of the tradestration and tradestration and the tradestration and the tradestration and the tradestration and tradestratio	
					월 <u>-</u>
•				- 海區區數學 新	त्रक करत् । इसक्रिक्टाइ
				And a special state of the spe	- 2년 원년
				H To Card I I I I I I I I I I I I I I I I I I I	_ <u>5</u> B ₅ ,
				the lates of the control of the cont	
					2년 3년
					濟 뜻
					-5
				on the real state of the control of	発展
				the care and the c	क्तार्थ विकास
				- 획호하관함 원활 청성	rote hengise sidan
18. I hereby certify that				- 획호하관함 원활 청성	elastikasi torike
M.	the foregoing is true and correct			No.4 - sa No.4 broads a speeding to speed	To the decimal to control structures or annual structure or annual structures or annual struc
SIGNED CAMM	the foregoing is true and correct	TITLE Producti	on Engineer	No. 2. 2000 of the color of the	To be despected of more stated of the stated
	the foregoing is true and correct Roth WM ral or State office use)	TITLE Producti	on Engineer	Non advert the second of the s	officer or anisosum is contract for
(This space for Feder	Roth - WM.	TITLEProducti	on Engineer	The carried of the control of the co	39.67
(This space for Feder	Roth - WM.		on Engineer	The carried of the control of the co	20167
(This space for Feder	Roth - WM.	TITLE	/14	Non advert the second of the s	20167
(This space for Federal APPROVED BY CONDITIONS OF AR	Roth - WM ral or State office use) PROVAL, IF ANY:		/14	The state of the s	20167
(This space for Feder	Roth - WM ral or State office use) PROVAL, IF ANY:	TITLE	/14	The carried of the control of the co	20067

CETTULISM.

		0:1
1	WELL	SITE CHECK
Contractor MM	(lif #3	Person(s) Contacted
Spud date		
Type Rig	Rotary Cable	Present Operations Wo Centut
Samples	de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la La companya de la co	
Pipe		Drilling with Mud
Water Zones		Size Hole
Lost Circ. Zones		Size Drill Pipe
Formation Tops		Type Bit
		No. Bit Drilling Rate
Cores, Logs, DST		- Formation
		Lithology
Crews		
REMARKS, PHOTO, MAP		
Set 95/8	at 750	Einculated
	* Comment of the second	Me 88-2
	7 Huns	
pachelai	Mountain Ro	

WELL NAME Ken IN Bee # Margo F

Permit No. 427 Confidential: Yes No

•	•		
APPLICAT	TION FOR PERMIT	r to drill or	RE-ENTER
APPLICATION TO DRIE			RE-ENTER OLD WELL []
		-	
Kerr-McGee Corporation			
	· •		N Morico
215 Petroleum Center E		ington,	New Mexico
ddress	City		,
Unknown at this time.			
ddress			
	DESCRIPTION OF	WELL AND LEASE	
ederal, State or Indian Lease Number, or if f		Well number	Elevation (ground)
14-20-0603-8824 Nav	ajo "F"	1	8479' ungraded
Vearest distance from proposed location		Distance from proposes	d location to nearest drilling, -for well on the same lease:
o property or lease line:	ب فدف	Completed of -22	None feet
	550 feet		
fumber of acres in lease:		Number of wells on less completed in or drilling	ase, including this well, og to this reservoir:
	1280	1	
N	1200	<u>i </u>	Address
If lease, purchased with one or more Nwells drilled, from whom purchased:	ame		
	•		
None • Well location (give footage from section lines	Section—tov	waship-range or block ar	nd survey Dedication (Comply with Rule 105)
Well location (give footage from section lines 550 FSL & 740 FEL	Sec.	24-T36N-R29E	G&SRM SE/4 Sec. 24
Field and reservoir (if wildcat, so state)		County	
Dineh-bi-Keyah		Apache	
Distance, in miles, and direction from nearest	t town or post office		-
10 miles SW of Red Ro	ock, Arizona.		
Proposed depth:	Rotary or cable tools		Approx. date work will start
h900†	Rotary & C	able Tools	Sept. 4, 1967
Bond Status Blanket Bond	Organization Report		Filing Fee of \$25.90
Amount	On file XX	Or attached	Attached Yes
Remarks:			
New Well.	- 3 Ma	0.3	
Covered by Commiss:	ion order No.	21.	
			•
	·-·		
			·-
CERTIFICATE: I, the undersigned, under	the nansity of periusy. S	iate that I am thePr	oduction Spot. or u
Kerr-McGee Corporati	on (compand)	and that I am authorized	by said company to make this report; and that the correct and complete to the best of my knowledge
report was prepared under my supervision as	id direction and the the la	cis stated therein are it ut	1///////
	15 mg 10		10 Ollow
	F 2747	967 Signature	
	STATE O	& G F Anons	st 28, 1967
	EXCONS. CON	MM. Annate	5 0 209 1 701
	16/	16 Y	
ATTY	- VELLIC	(18/	
Permit Number: 421	110	2	COLOR OF ADIZONA
Approval Date: 8-29-6	7	_	STATE OF ARIZONA
Ooballdon	1. 1.	Olf & C	GAS CONSERVATION COMMISSION
Approved By: AM ISM	MIDNUT-		Application to Drill or Re-enter
Nation. Before sending in this form be su	ire that you have given		File Two Copies
Notice: Before sending in this form be su all information requested. Much u ence will thus be avoided.	innecessary correspond-	Form No. 3	
		# ************************************	

, G

(Complete Reverse Side) The same of the sa

- 1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- 3. All distances shown on the plat must be from the outer boundaries of the Section.
- 4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES XX NO______
- 6. If the answer to question four is "no," list all the owners and their respective interests below:

mer _		L	and Description	
			· · · · · · · · · · · · · · · · · · ·	•
				CERTIFICATION
				I hereby certify that the informa- tion above is true and complete to the best of my knowledge and belief.
		•		Name
		, ,		Position
SEE ATTACHE	SURVEY PLAT	•		Company
	i		-	Date
•				
		ĵ	I	I hereby certify that the well loca- tion shown on the plat was plotted from field notes of actual surveys
	·			made by me or under my super- vision, and that the same is true and correct to the best of my knowledge and belief.
				Date Surveyed
				Registered Professional Engineer and/or Land Surveyor
	•	1	[· •

PROPOSED CASING PROGRAM Sacks Cement Bottom Cementing Depths Size of Casing Weight Grade & Type Sufficient to circ. 0-700 9#5/8"OD 32.30 H-40 ST&C 700 0 Sufficient to cover all potential Productive zones. If Intrusive is not present, well will probably be drilled to Granite & 5-1/2" csg. set the productive zones, if any are encountered. 7" OD 20.00 J-55 ST&C 4140 0

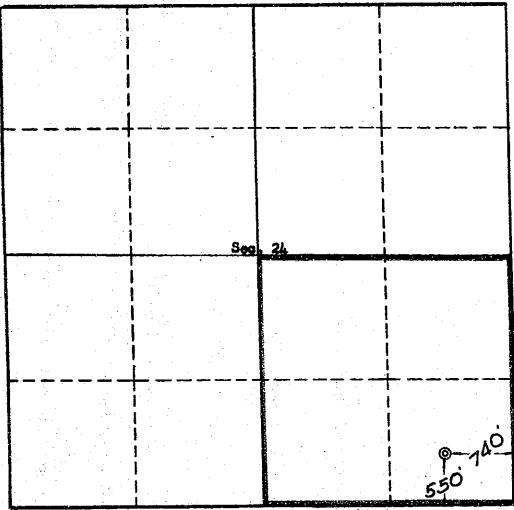
Company Kerr-HeGee Corporation

Well Name & No. MFH #1, Navajo

Location 550 feet from the South line and 740 feet from the Rast line.

Sec. 24., T. 36. N., R. 29. E., G. & S. R. M., County Apache , Arizona

Ground Elevation 8479 ungraded



Scale, 1 inch = 1,000 feet

Surveyed August 9 , 19 67

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the

Ernest V. Echohawk Registered Land Surveyor Arizona Registration No. 2311

STATE 0 & G CONS. COMM.

1000



RECEIPT NO. 2846

API 02-001-20051





PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION, STATE OF ARIZONA,

To:		Korr M	GGG COPP.	ATOR)		
		to	drill a well to	be known as		
	Kerr-McGes	#1 Nava	jo "F"			·
			(WELL NA	ME)		
located	550' PSL,	740' FE	(SE/4 SE	/4) Sec. 24 - 1	'36K- R29E	·
Section2	Townsh	ip 36N	Range 29E	APACHE	Coun	ty, Arizona.
The SE/	4 Sec. 24	- T36M -	- R291			of said
			cated to this w	rell.		
				ed in the attached Ap , rules and regulation		
Issued	this 29th	day of	August		, 19 <u></u>	
			.0	OIL AND GAS CON	SERVATION CON	AMISSION
PERMIT	Nº	427			State of Arizona	••

.

Oil & Gas Conservation Commission

Permit to Drill

FORM NO. 27

ถ

.

KERR-MCGEE CORPORATION

626 AMARILLO PETROLEUM BUILDING

P. O. BOX 250 . AMARILLO, TEXAS 79105

PHONE

806 376-7256

December 11, 1969

Mr. P. T. McGrath United States Geological Survey P. O. Box 959 Farmington, New Mexico 87401

Mr. John Bannister Arizona Oil & Gas Conservation Comm. 1624 West Adams Room 202 Phoenix, Arizona 85007

Re: Navajo "F" #1
SESE, Sec 24, T36N, R29E
Dineh-bi-Keyah Field
Apache County, Arizona

Gentlemen:

Enclosed is Notice of Intention to change plans of plugging of the caption well.

As discussed on the telephone, adverse weather and difficulty in obtaining suitable equipment has made an attempt to recover the 7" casing undesirable.

Your approval of this work is requested.

STATE ONS. COMM.

Sincerely yours,

KERD REGEE CORPORATION

C. D. Williams
Manager, Southwestern District
Production Division

CDW/ss Encl.



P. O. BCX 250 . AMARILLO, TEXAS 79105

October 31, 1969

PHONE

806 376-7256

United States Geological Survey Post Office Box 959 Farmington, New Mexico 87401

Attention: Mr. P. T. McGrath

Arizona Oil and Gas Conservation Commission 1624 West Adams, Room 202 Phoenix, Arizona 85007

Attention: Mr. John Bannister

RE: Navajo "F" No. 1 SESE, Sec. 24, T36N, R29E Dineh-bi-Keyah Field Apache County, Arizona

Gentlemen:

Enclosed is notice of intention to abandon captioned well. Efforts to produce this well in paying quantities have been unsucessful. Your approval of this work is requested.

Sincerely,

KERR-MEGEE CORPORATION

C. D. Williams

Manager

Southwestern District Production Division

CDW/mh

Enclosure

cc: Navajo Tribe Mineral Department Window Rock, Arizona 86515



KERR-MCGEE CORPORATION

215 Petroleum Center Building Farmington, New Mexico 87401

June 5, 1969

United States Geological Survey Post Office Box 959 Farmington, New Mexico 87401 ATTENTION Mr. P. T. McGrath

Arisona Oil and Gas Conservation Commission 1624 West Adams Phoenix, Arisona 85007 ATTENTION No. John Bannister

In re Havaje "F" Ho. 1 SESE, Sec 24, T36H, R29W Dinch-bi-Kayah Field Apache County, Arisona

Gentlemen

Enclosed please find Hetico of Intention to Roomter captioned well and place it on production. Your approval of this work is requested.

Yory traly yours

C. D. Williams Production Superintendent

CDI/la

Enclosures

CC: Havaje Tribe Minerale Department ATTENTION Mr. P. K. Harlbut

madd e/c/cg lescs for



MAYER BUT HEAVE LITTERS

427

e. Seath

```
Operator KERR MC GEE-OIL INDUSTRIES INC.

Bord Company Insurance Co. of N. America Amount 25,000

Bond No. M 41 95 25 (KM528) Date Approved 10-28-65
```

Permits covered by this bond:

-	10 '	386	417	
	36	389	418	
	37 .	390	419	
	38 .	391	470	
	39 .	392	422	
	57 .	396	426	·
DATE10-24-68	63. • .	397	771	•.
	64 .	398	145	11
	142	399	(4/6)->	see this
	238	402		4116
Superceded by American Casualty Co. Bond	_303	ADB		
American Casualty Co. Bond	90 .	404		
*25,000	91 •	405		
#5471020-52	349	406		
	303-	407	•	
	377	408		
	378.	409		. •
	379	410	:	
	380	411	,	
	381			
	384		•	
jungan seene en en en en en en en en en en en en	<u> </u>	416		

Ģ

~

KERR-MCGEE CORPORATION

KERR-McGEE BUILDING . OKLAHOMA CITY, OKLAHOMA 73102

215 Petroleum Center Building Farmington, New Mexico 87401

October 3, 1968

Arizona Oil and Gas Conservation Commission 1624 West Adams, Room 202 Phoenix, Arizona 85007

Attention Mr. Jim Scurlock

In re Navajo "F" Well No. 1 Sec. 24, T36N, R29E Apache County, Arizona Permit No. 427

Dear Jim

Enclosed please find one copy of the Induction-Electric Log and the Sonic-Gamma Ray Log for Navajo "F" No. 1 well.

The top, bottom and description of formations penetrated in the well are:

B. Chuska/T. Wingate (Tertiary) - Surface to 718, sandstone Chinle (Trassic) - 718-1792, red shale w/thin stringers sandstone Coconino (Permian) - 1792-2514, massive sandstone w/shaly stringers Cutler (Permian) - 2514-3641, shale, sandstone & limestone Hermosa (Penn) - 3641-4222, limestone, dense, w/red & gray shale and thin stringers sand

Intrusive (Tertiary) - 4222-4401*, syenite sill
Mississippian - 4401-4465* TD, limestone, dense w/ some varicolored shale

If additional information is needed, please advise.

Very truly yours

C. D. Williams
Production Superintendent

lm Enclosures

Enclosures

Ar D. J. Peires 19/16

RECEIVED
OCT 4 1968
STATE O & G
CONS. COMM.

September 30, 1988

Mr. C. D. Williams Kerr-McGee Corporation 215 Petroleum Center Building Farmington, New Mexico 87401

Re: Kerr-McGee #1 Navajo F T36N, R29K, G & SRM Sec. 24: SE/4 SE/4 Apache County, Arizona Permit #427

Dear Bud:

Would you please send us the logs on the F#1 along with the formation tops if you have them picked.

Thanks and best regards.

Red 10/4/68 TE & BH-GR

Jim

P. S. Better come to see us this fall while we're having this beautiful weather and bring your golf clubs.

JS:jf

KERR-MCGEE CORPORATION

KERR-McGEE BUILDING . OKLAHOMA CITY, OKLAHOMA 73102

215 Petroleum Center Building Farmington, New Maxico 87401

June 5, 1968

United States Geological Survey Post Office Pox 959 Farmington, New Mexico 87401

Attention Mr. P. T. McGrath

Arizona Oil and Gas Conservation Commission 1624 West Adams, Room 202 Phoenix, Arizona 85007°

Attention Mr. John Bannister

In re Navajo "F" No. 1 SESE, Sec. 24, T36N, R29E Dineh-Bi-Keyah Field Apache County, Arisona

Gentlemen.

Enclosed is notice of intention to squeeze, reperforate and fracture treat the Lower Hermona Intrusive in the above captioned well.

Response from the initial frac treatment of the zone was poor and the proposed work is a further attempt to establish production.

Your approval of this work is requested.

Very Wruly yours

C. D. Williams

Production Superintendent

lm

CC: Havajo Tribo Mineral Department Farmington, New Mexico

427



•



KERR-MCGEE CORPORATION

KERR-McGEE BUILDING . OKLAHOMA CITY, OKLAHOMA 73102 215 Petroleum Center Building Farmington, New Mexico 87401

March 11, 1968

Arizona Oil & Gas Conservation Commission Room 202, 1624 West Adams Phoenix, Arizona 85007

Attention Mr. John Bannister, Executive Secretary

In re Kerr-McGee No 1, Navajo F SESE, Sec 24, T36N, R29E Apache County, Arizona Permit No 427

Gentlemen

As you are aware, Commission Rule No. 202.B requires that when drilling operations have been suspended for sixty days, the well is to be plugged and abandoned unless permission for temporary abandonment is obtained from the Commission.

Due to adverse weather conditions and the poor response from the frac job, operations will be suspended at Navajo F No. 1 in excess of sixty days. It is respectfully requested that the Commission not require F-1 to be plugged and abandoned at the end of sixty days and that permission be given for Kerr-McGee to maintain the well in a suspended operations or temporary abandoned status until weather conditions improve and our study and review of possible additional stimulation work is completed.

lmVIA AIR MAIL

CC: Mr. J. I. Fisher

OIL & GAS CONSERVATION COMMISSION STATE OF ARIZONA 1624 WEST ADAMS - SUITE 202 TELEPHONE: 271-5161 PHOENIX, ARIZONA, 85007

				<u> </u>
OPERATOP'S	CERTIFICATE	OF COMPLIA	NCE AND A	IORIZATION
Federal. State or Indian Lease Number, or lessor's name if fee lease Navajo "F" 14-20-0603-8824 Survey or Sec-Twp-Rge	Field Dineh-	bi-Keyah Fi		Reservoir Lower Hermosa (Intrusive)
Sec. 13 & 24, T36N, R29E	Apache	County		State Arizona
Corporation Kerr-McGee Corporation			·	1
	ALL CORRESP	ONDENCE CONC	ERNING THIS	FORM TO:
215 Petroleum Center Bldg. Above named operator authorizes (name of train	Farmingt	on,		State New Mexico 87401
Kerr-McGee Pipeline Corporati				
Transporter's street address KerMac Building Field address	Oklahom	a City,		State Oklahoma 73102
P. 0. Box 989 Farmingto	on. Ne	w Mexico	87401	
		sate, gas well gas.		
To transport 100	% of the	OIL		
OTHER GATHER	ERS TRANSPO	RTING FROM TH	IS LEASE ARE	from said lease. AS FOLLOWS:
Name of gatherer		% transported	Product trai	
			<u> </u>	
				•
Indicate whether or not this certificate is for a lease name, change of gatherer, or a consolida New Lease.	tion or subdivis	ion of leases and	give effective da	r of not it is a change of operaior, change of ite of change.
The undersigned certifies that the rules and regularilling and producing operations on this lease, expercentage of the allowable oil or gas produced or until cancelled by the State of Arizona Oil & CERTIFICATE: I, the undersigned, under the per Kerr-McGee Corporation	from the above Gas Conservationalty of perjury,	described proper in Commission.	y, and that this	ion Supt. of t
port was prepared under my supervision and dir	ection and that	the facts stated th	erein are truence	orrect and complete to the best of my knowledg
			10	
Name and and and a			/ /	
November 30, 1967		_	L V	· (//M/
			Signature	T.E.T
te approved: 12-4-67	·			A
STATE OF ARIZONA OIL & GAS CONSERVATION COMM TO STATE OF ARIZONA OIL & GAS CONSERVATION COMM TO STATE OF ARIZONA OIL & GAS CONSERVATION COMM TO STATE OF ARIZONA OIL & GAS CONSERVATION COMM TO STATE OF ARIZONA OIL & GAS CONSERVATION COMM TO STATE OF ARIZONA OIL & GAS CONSERVATION COMM	ission		•	RECEIVED RECEIVED DEC 4 196 STATE 0 & STATE 0 & CONS. COM
c 2-AOGCC 1-WRF	· ·			
2-03GS 1-RF			OIL & GAS	CONSERVATION COMMISSION
l-Tribe l-JIF			Trar	ificate of Compliance & Authorization to isport Oil or Gas from Lease
·		Form !	vo. 8	File Two Copies

€₹



KERR-MCGEE CORPORATION

KERR-MeGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102

215 Patroleum Center Building Farmington, New Yexton 87hOL

December 4, 1967

United States Geological Survey Post Office Drawer 1857 Roswell, New Maxico 88201

Attention: Ar. John Anderson

State of Arisons Oil & Gas Conservation Cossission Room 202 - 162h Vest Adams Phoenix, Arisons 55007

Attention: Ar. John Bannister

Re: Off Lease Oil Heasurement Havejo "F" Lease Dineb-bi-Esyah Field Apache County, Arisons

Centlemen:

In anticipation of oil production from the Mawajo "F" Lease, which is Mavajo Lease Contract No. 11-20-0603-8524, comprised of Sections 13 and 24, 7368, R298, Navajo Reservation, Apache County, Arizona, Morr-McCoo requests permission to measure and store the oil from this lease at an off lease location. This request is due to the topography of the area and the inaccessibility of the "F" Lease during winter operations. Mavajo "F" No. 1, which is currently in the process of completion, is located at an elevation of 8485'. It is proposed the production from the "F" Lease be separated and metered at a site near the Mavajo No. 16 location, where the elevation is approximately 7500'. The Mavajo No. 16 is connected by a system of readways to the major portion of Marr-McGoo's operations in the Dingh-bi-Keyah Field, which is the Nevajo Lease.

Explosed please find a map showing the location of the Mavajo Myr No. 1 well and the Mavajo No. 15 well and the proposed connecting flowline. As you will note from the topographical contours a steep cliff is present between the two wells. Also enclosed please find a schematic diagram of the proposed separator-metering hookup. The mater to be used is a Floce Model F 500-2 positive displacement mater. A 500 barrel tank will be not near the separator and mater to test and calibrate the mater. After passing through the separator and Floce meter, the oil will combine with the oil coming from the Newsjo No. 16 well and pass through

and the second second

U21

United States Seelegical Survey State of Arisons Oll & Gas Conservation Counterion Fago Two December h. 1967

the present gathering line from No. 16 to the 6" pipeline of Norr-Newson Pipeline Corporation, located in the N/2 of Section 30 means the No. 10 location indicated on the exclused sup.

The working interest and repulty of the two leases are identical. Granting of this request would minimize the possibility of "J" No. 1 mall shut-down due to the imaconstitlity of the leasten during adverse mather contitions.

It would be appreciated if you would approve this letter and return one copy to the undersigned at the above address.

Yory truly years,

ENEX PERES COLPORATION

C. D. Villian

C. D. Villians Production Superintendent

COM: 14

Employment C

STATE OF THE COMMISSION

APPEORIDE

1624 WEST ADAMS SUITE 202 TELEPHONE: 271-5161

H.

Jehn Bannester

BATE

17-5-67

427

Δ

KERR-MCGEE CORPORATION DINEH-BI-KEYAH FIELD APACHE COUNTY, ARIZONA Scale: 1" = 2,0001 36 73/ KELL-NCGEE

Seperator -Check valve -High pressure shut down switch-max.125 lb: CSG head gas SKEMATIC -Flow line to pipeline L PRODUCTION FACILITIES NEH-bI-KEYAH FIELD er flanges with orfice plate & ype disconnects to connect pllows type orfice meter. -gas by E.L.C. & W.E.R.

December 1, 1967

Kerr-McGee Corporation 215 Petroleum Plaza Bldg. Farmington, New Mexico 87401

Attention: Mr. C.D. Williams

Re: Kerr-McGee #1-F Navajo SE SE 24-36N-29E Apache County, Arizona Permit 427

Gentlemen:

A review of our file reflects we have received only spud and surface casing data. It will of course be necessary that you file all the required information as well as completion report and authorization to transport request to bring this file into compliance with our rules and regulations.

For your convenience in noting the required reporting, we are enclosing a marked copy of "Forms--when to file".

Your cooperation is most appreciated.

Very truly yours,

John Bannister Executive Secretary mr enc KERR.

KERR-MCGEE CORPORATION

COPY

KERR-McGEE BUILDING · OKLAHOMA CITY. OKLAHOMA 73102
215 Petroleum Center Building
Farmington, New Mexico
November 9, 1967

United States Geological Survey Oil and Gas Division P. O. Box 959 Farmington, New Mexico

Attn: Kr. P. T. McGrath

RE: Navajo "F" No. 1 Dineh-bi-Keyah Field Apache Co., Arizona

Gentlemen:

Enclosed please find U.S.G.S. Form 9-331, for our Navajo "F" No. 1 well, located in Sec. 24, T36N, R29E, Dineh-bi-Keyah Field, in Apache County, Arizona.

Please keep all information on this well confidential. If any further information is required, please advise.

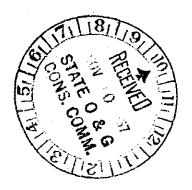
Sincerely yours, KERR_MCGEE CORPORATION

Hory Roth - WM Gary Roth Prod. Engineer

hs

Enclosures

co: Arisona (**
Tribe
J.I.F.
WRF
RF



427

#== ### (F)

Per Marian

KERR-MCGEE CORPORATION

RERR. McGEE BUILDING OKLAHOMA CITY. OKLAHOMA 73102 215 Petroleum Center Building Farmington, New Mexico August 28, 1967

State of Arizona O&G Conservation Commission Room 202 - 1624 W. Adams Phoenix, Arizona 85007

Attn: Mr. John Bannister

E: Arizona O&G Commission Application For Permit To Drill - Form #3 Navajo "F" No. 1 Apache County, Arizona

Gentlemen:

Attached please find Arizona Oil & Gas Conservation Commission Form No. 3 for our Navajo "F" Well No. 1. This well is located in Sec. 24, T36N, R2%, Apache County, Arizona. Also enclosed are two copies of the Surveyor's plat for the location of the well. A draft for \$25.00 to cover the filing fee is included.

Your approval of this application is requested.

Very truly yours, KERR-MCGEE CORPORATION

C. D. Williams Production Supt.

CDW/hs

Enclosures

cc: Tribe
J.I.F.
R.W.K.
Draft Copy
WRF "F"#1

Ins 6 of N. Am M4-95-21-XM528

RECEIVED
AUG 29 1967
STATE O & G
CONS. COMM.

427